

ABSTRACT:

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A method and apparatus for correcting the delay between the phase and the envelope of a digital signal are described. In particular, the application of this correction in digital broadcasting transmitters is described. The present invention makes it possible to offer an alternative solution in which the use of the initial signal is not necessary. No temporal comparison with the initial signal is necessary. A subject of the invention is a method of correcting at least one parameter to be corrected of the envelope of a digital signal including the decomposition of the digital signal into an envelope signal and a phase signal and the determination of the corrector to be applied to the parameter of the envelope by searching for the minimum out-of-band noise powers of the signal.